

September 26, 1980

Division File

Tom Powell - Southern Region

St. Clair County - General - Cahokia/Dead Creek

On Thursday September 25, 1980, this writer, along with Ken Mensing, were in Cahokia, Illinois to obtain soil and water samples from Dead Creek and its peripheries. Sample points included both the east and west sides of the most heavily contaminated area, between Judith Lane and Queeny Avenue, and randomly selected points downstream within the ditch. We arrived at the site approximately 9:50 a.m. and collected a total of twelve (12) samples. A minimal amount of precipitation had fallen the evening before we visited the site for sampling. The ground surface was damp with no blowing dust when we procured the samples. The following is a listing of the sample points:

<u>Sample Number</u>	<u>Location</u>	<u>Depth of Sample</u>
1	Soil sample obtained 96 yards south of Queeny Avenue and 6 yards west of snowfence on west side of Dead Creek. Sample was collected from northeast corner of bean field.	12 inches (composite)
2	Soil sample obtained 120 yards south of Queeny Avenue and 1 yard east of snowfence on the east side of Dead Creek.	12 inches (composite)
3	Soil sample obtained 30 yards north of Judith Lane and 1 yard west of snowfence on the west side of Dead Creek.	12 inches (composite)
4	Soil sample obtained from drainage cut, midway between Dead Creek and the pond near Judith Lane.	9 inches (composite)
5	Pond sediment sample obtained at the north side of the confluence of the drainage cut with pond, one (1) yard east into the pond.	12 inches (composite)

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- 6 Pond sediment sample obtained at the northwest corner of pond, one (1) yard south into the pond. 9 inches (composite)
- 7 Sediment sample obtained from Dead Creek, 16 yards north of Cahokia Street. Sample obtained adjacent to standing water in Dead Creek. 12 inches (composite)
- 8 Sediment sample obtained from Dead Creek, immediately north of Edgar Street in front of concrete culvert. Sediment obtained from an area of standing water in the creek. 6 inches (composite)
- 9 Water sample obtained from standing water in Dead Creek, 45 yards north of Cahokia Street.
- 10 Water sample obtained from standing water in Dead Creek immediately north of Edgar Street in front of concrete culvert.
- 11 Sediment sample obtained from Dead Creek just south of the intersection of routes #3 and #157. Sample obtained from an area of standing water, adjacent to the pedestrian walk bridge. 6 inches (composite)
- 12 Soil sample obtained from the dry bed of Dead Creek, northwest of the sewage treatment plant, and just north of the concrete culvert under the rock road. Surface sediment appeared to be sewage treatment plant sludge (dried). 12 inches (composite)

cc: Southern Region
Bill Child
Jim Kelty
Attorney General ✓